

## WHAT IS CLAIMED IS:

1. A data transfer arrangement comprising:  
 two bus drivers;  
 a voltage precharge source;  
 a differential bus coupled to the bus drivers and to the voltage precharge source; and  
 a latching sense amplifier coupled to the differential bus.
2. ~~The~~ A data transfer arrangement in accordance with claim 1 wherein the latching sense amplifier comprises a cross coupled latched amplifier.
3. ~~The~~ A data transfer arrangement in accordance with claim 1 wherein the bus drivers consist of active pull up/pull down bus drivers.